

ABSTRACT

A signal testing system and method for evaluating wireless communication signals transmitted between a base station and a communication site is provided. The signal testing system comprises an antenna located at the communication site for communicating the wireless communication signals between the base station and the communication site, an adjustable mount associated with the antenna for orienting the antenna in a plurality of pan orientations and a plurality of tilt orientations, an adjustable boom associated with the adjustable mount for positioning the antenna at a plurality of heights and a communication unit to measure characteristics of the wireless communication signals. The adjustable mount is fixed in a set pan orientation and a set tilt orientation and the adjustable boom is fixed height when the communication unit measures the characteristics of the wireless communication signals. The method uses the system.

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